

Footnote for reference in text, page 2, line 11, end of sentence.

* Set size determines the overall horizontal dimension of the space assigned to a character--it includes space for separation from adjacent letters. Set size also expresses the relationship of one type font to another. The size relationship of one letter to another is expressed in "units of relative value," based on the size of the em (18/18). Therefore the horizontal dimension for a letter is determined:

URV x SS = Horizontal dimension

Point Size $\left(\frac{1''}{72}\right)$ = Vertical dimension

Insert for page 2, line 22, at end of sentence.

In a unit font each character is assigned a proportional unit value. This unit value is valid regardless of the set size. The specified line measure can then be stated in units for each set size. Therefore the computer can accumulate units as it passes through four overlapping (set sizes) zones of justification in which an interword space may be selected for the end of line. This simple logic for line justification thus eliminates the requirements for stored dictionaries for word hyphenation, programmed logic approaches, or a combination of the two, prefix and suffix tables, and stripping and reconstituting routines.